

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 27-18

DEPARTMENT OF THE NAVY
U.S. NAVAL RADIOLOGICAL DEFENSE LABORATORY

NOTICE OF AMENDMENT OF BYPRODUCT MATERIAL LICENSE

Please take notice that the Atomic Energy Commission has amended License No. 4-487-6 held by the Department of the Navy, U.S. Naval Radiological Defense Laboratory, San Francisco, California.

The amendment to the license provides for a change in the burial location specified in Condition 7.a. of the license. The location designated in the license is within a five-mile radius circle, the center of which is at a point designated as $37^{\circ} 41' \text{ N.}, 123^{\circ} 25' \text{ W.}$ The new area is designated on U.S. Coast and Geodetic Survey Chart 5502 as an Explosives Disposal Area with the coordinates $37^{\circ} 38' \text{ N.}, 123^{\circ} 18' \text{ W.};$ $37^{\circ} 38' \text{ N.}, 123^{\circ} 30' \text{ W.};$ $37^{\circ} 43' \text{ N.}, 123^{\circ} 24' \text{ W.}$ and $37^{\circ} 43' \text{ N.}, 123^{\circ} 30' \text{ W.}$ The entire area bounded by these points exceeds 1,000 fathoms in depth.

Most of the area around the point $37^{\circ} 41' \text{ N.}, 123^{\circ} 25' \text{ W.}$ already lies within the trapezoidal area designated above.

In accordance with the Commission's, "Rules of Practice", Title 10,
Code of Federal Regulations, Chapter 1, Part 2, a formal hearing will
be held on the matter upon receipt of a request therefor from the
licensee or an intervener within thirty (30) days after the issuance of
this notice.

FOR THE ATOMIC ENERGY COMMISSION

(Signed)

(b) (6)

Dated at Germantown, Maryland

APR 9 1962

(b) (6)

Deputy Director
Division of Licensing & Regulation

EXPERT SYSTEM LICENSE EVALUATION
EVALUATION REPORT FOR LICENSE 04-00487-06

Licensee: DEPARTMENT OF THE NAVY-NAVAL RADIOLOGICAL DEF. LAB
Site of operation: SAN FRANCISCO, CA. AND FOR BURIAL IN THE PACIFIC OCEAN

INFORMATION ON EXACT AMOUNTS OF MATL WAS NOT NEEDED TO EVALUATE

THIS LICENSE WAS ELIMINATED FROM CONSIDERATION
The reason for elimination was: NO POSSESSION

Reviewer's comments concerning license 04-00487-06

Although the original license is not in the file (only amendment 2 of 4-9-62 slightly changing the burial site location), this license can be eliminated on the basis of the 1-30-64 certificate of disposition which states that no material was procured and the license was not used. Since the original license is missing an evaluation is impossible without information on materials, and there is no inventory cross reference to another job-box file.
HOWEVER THIS LICENSE PROBABLY SUPERCEDED(? LATE 1950s) THE WASTE DISPOSAL AND PACIFIC OCEAN BURIAL OPERATIONS OF LICENSE 04-00487-03 WHICH PROBABLY DID HAVE BURIAL ACTIVITIES.

EXPERT SYSTEM EVALUATION WAS BASED ON THE
INVENTORY RECORD IN JOB 0321, BOX 02

Docket 27-00018

Licensee: DEPARTMENT OF THE NAVY-NAVAL RADIOLOGICAL DEF. LAB
Address: SAN FRANCISCO, CALIFORNIA
State of operation: CA
Site used: SAN FRANCISCO, CA. AND FOR BURIAL I
Disposition information present: CERTIFICATE
Text of certificate of disposition:
1-30-64: NONE PROCURED; NO USE OF LICENSE; NO RENEWAL DESIRED
Licensee indicated no material ever possessed
This license was listed as expired on 01/31/64
Remarks: LICENSE IS FOR WASTE DISPOSAL BY BURIAL IN THE PACIFIC OCEAN
JOB NUMBER: 0321 BOX NUMBER: 02

Date of last evaluation/revision: 08/14/92

Reviewer: (b) (6)

UNITED STATES GOVERNMENT

Memorandum

TO : (b) (6)
Director of Regulation

FROM : (b) (6), Director
(b) (6) Division of Licensing and Regulation

SUBJECT: NOTICE OF AMENDMENT OF BYPRODUCT MATERIAL LICENSE NO. 4-487-6,
DEPARTMENT OF THE NAVY, U.S. NAVAL RADIOLOGICAL DEFENSE
LABORATORY, DOCKET NO. 27-18

DATE: APR 9 1962

LR:IB:NB

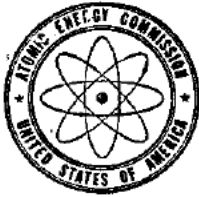
I have issued a notice of amendment of License No. 4-487-6 issued to the Department of the Navy, U.S. Naval Radiological Defense Laboratory, San Francisco, California. The amendment changes the burial location for disposal of wastes at sea specified in the license.

The new site is not significantly different from the site previously designated. The new site is designated on U.S. Coast and Geodetic Survey Chart 5502 as an Explosives Disposal Area and the depth at all points within the area exceeds 1,000 fathoms in depth. The former site which included a large percentage of the new site had some points at which the depth did not exceed 1,000 fathoms. All licenses which provide for disposal in the Pacific have been or will be amended to provide for the redesignated site.

The Atomic Energy Coordinator for the State of California is aware of this amendment and has no objections.

Attachment:

4/10 (b) (6)
(b) (6)



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D.C.

BYPRODUCT MATERIAL LICENSE

DEPARTMENT OF THE NAVY
U.S. NAVAL RADIOLOGICAL DEFENSE LABORATORY

DOCKET NO. 27-18

LICENSE NO. 4-487-6

AMENDMENT NO. 2

Byproduct Material License No. 4-487-6 is hereby amended as follows:

Condition 7.a. is amended to read:

7. a. Burial at a minimum depth of 1,000 fathoms in the Pacific Ocean within the area designated by the points designated as 37° 38' N., 123° 18' W.; 37° 38' N., 123° 30' W.; 37° 43' N., 123° 24' W. and 37° 43' N., 123° 30' W. or at other locations in the Pacific Ocean when approved by the Commission.

FOR THE ATOMIC ENERGY COMMISSION

(Signed)

(b) (6)

(b) (6)

Deputy Director
Division of Licensing & Regulation

Date of Issuance:

APR 9 1962

Date Received MAR 13 1961	Expiration Date 1-31-64	Issue Date 1-29-62	Technical Reviewer (b) (6)
Control No. 33112	Reference No.	License No. 4-487-C	Amendment No.
Isotope	Form	Possession Limit	
A. <i>Byproduct</i>	A. <i>White</i>	A. <i>500 curies</i>	
B. <i>Plutonium</i>	B.	B.	
C.	C.	C.	
D.	D.	D.	
E.	E.	E.	
F.	F.	F.	
G.	G.	G.	
H.	H.	H.	
Authorized Use			
A.			

Plutonium No. 27-18

SCRA Review: <input type="checkbox"/> Yes <input type="checkbox"/> No Type User (Circle One) 1 2 3 4 5 6 7 Other	Conditions 1. A B C 12. 2. A B C 13. 3. A B C D 14. A B C 4. A B 15. 5. 16. 6. 17. 7. 18. 8. A B C 19. 9. A B C 20. 10. 21. 11. (Use reverse side if Necessary)
REMARKS, letters, phone calls, visits, exemptions, etc. (Use reverse side if necessary) 3-2-61 <i>27-18 NADL timely application for renewal</i> <i>asks for 500 curies - now has 150 curies possession limit - conflict?</i> <i>site now authorized 5 mile circle of 37° 41' N., 122° 25' W</i> <i>37° 39' N., 123° 29.5' W is in explosives dumping area - deep, South side corner</i> <i>? add 37° 40' N 124° 50' W, etc</i> <i>(b) (6) requested that licensee be told to dump there -</i> <i>change notification condition 8</i> <i>add condition re records to be kept on all changes.</i> <i>add condition re disposal - 3 documents?</i> <i>Unencapsulated liquids without absorber</i> <i>voids (does have relief on blocks - but size and placement unknown)</i> <i>project label is not transparent & label covered, lacks date of packaging</i> <i>required in Cond 9 of license (principal vs. most hazardous isotope)</i>	
<input type="checkbox"/> Approve <input type="checkbox"/> Void	
Technical Reviewer (b) (6) Date 1-29-62	
Mail to:	Date Mailed:
Chief Date	